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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/630,178

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Bhushan Mangesh Kanekar

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THE LAW OFFICE OF KIRK D. WILLIAMS

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EXAMINER

BADII, BEHRANG

ART UNIT

PAPER NUMBER

3694

MAIL DATE

DELIVERY MODE

03/19/2009

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary	Application No. 10/630,178	Applicant(s) KANEKAR ET AL.	
	Examiner BEHRANG BADII	Art Unit 3694	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 24 December 2008.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 21-26 and 28 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 21-26 and 28 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 26 July 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Applicant's election with traverse of group III (claims 21-25) and newly added claims 26 and 28 in the reply filed on 12/24/08 is acknowledged. The traversal is on the ground(s) that groups III and IV are worded differently but claim the same limitation and groups I and II are also worded differently but claim the same limitation. The claims contain different limitation as is shown below. These different limitation put burden on the examiner, since a separate search and/or art has to be utilized. For example, claim 1 states "identifying a particular accounting mechanism of said accounting mechanisms corresponding to the particular item **based on matching the particular item with said one or more of the plurality of access control list entries; and in response, updating the particular accounting mechanism corresponding to the particular item**". Claim 21 and 25 do not state this, but state "identifying and updating a particular accounting mechanism of said accounting mechanisms corresponding to the particular item based on said one or more of the plurality of access control list entries." Therefore, there is no mention of "**matching the particular item with said one or more of the plurality of access control list entries**" and also, the updating in claim 21 and 25 is not based on the matching of the particular item with said one or more of the plurality of access control list entries as it is in claim 1.

Claims 5 and 10 are different than claim 8, since their rewording results in different limitations. For example, Claim 5 and 10 have "wherein at least two entries within the adjunct memory include a same counter indication" and there is no mention of this in claim 8. Further claim 8 has "wherein the lookup value includes at least one

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autonomous system number, said at least one autonomous system number identifying a set of communication devices under a single administrative authority” and there is no mention of this in claim 5 and 10.

For independent claims to be examined in the same group, they have to have the same limitation, such that the limitations are not open to different interpretation.

The requirement is still deemed proper and is therefore made FINAL. A complete reply to the final rejection must include cancellation of nonelected claims or other appropriate action (37 CFR 1.144) See MPEP § 821.01.

Claims 1-12, 16-18 and 27 are hereby withdrawn from further consideration.

Claims 21-26 and 28 have been examined.

Claim Rejections - 35 USC § 112

The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 21-26 and 28 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. The accounting requests/mechanisms in relation to access control list entries are unclear. What exactly are the accounting requests/mechanisms doing some form of accounting of the access control list entries? The function of the accounting mechanisms is unclear.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

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(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 21-26 and 28 are rejected under 35 U.S.C. 103(a) as being unpatentable over Camillone et al., USP 5,421,011, and further in view of Leni et al., USP 6,498,912.

As per claims 21 and 25, Camillone discloses an apparatus, comprising: one or more processors and memory, wherein the memory stores one or more instructions that, when executed by said one or more processors, perform operations comprising: configuring a mechanism for accumulating information based on an access control list including a plurality of access control list entries, with one or more of the plurality of access control list entries identifying accounting requests; said configuring the mechanism including: associating accounting mechanisms with each of said one or more of the plurality of access control list entries identifying accounting requests; and wherein at least one of the plurality of access control list entries identifies a deny operation and at least one of the plurality of access control list entries identifies a permit operation (abstract; col.1, 38-46; cols' 9 & 10, 66-67 & 1-6; fig's 4-5). Camillone might not explicitly disclose identifying and updating a particular accounting mechanism of said accounting mechanisms corresponding to the particular item based on said one or more of the plurality of access control list entries. Leni discloses identifying and updating a particular accounting mechanism of said accounting mechanisms corresponding to the particular item based on said one or more of the plurality of access control list entries (col.2, 42-55; col.6, 50-59; claim 8; col.3, 3-7). It would have been obvious to modify Camillone to include identifying and updating a particular accounting

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mechanism of said accounting mechanisms corresponding to the particular item based on said one or more of the plurality of access control list entries such as that taught by Leni in order to have at least five different pre-defined modes--a secure accounting mode, a resource accounting mode, an authentication disabled accounting mode, a custom accounting mode, and a disabled accounting mode--are provided and available for selection by an administrator as deemed necessary and appropriate (Leni: col.3, 3-7).

As per claim 22, Camillone further discloses wherein each item of the plurality of items corresponds to one or more fields of a received packet (abstract; col.1, 38-46; cols' 9 & 10, 66-67 & 1-6; fig's 4-5).

As per claim 23, Camillone further discloses wherein each item of the plurality of items further includes at least one autonomous system number, said at least one autonomous system number identifying a set of communication devices under a single administrative authority (abstract; col.1, 38-46; cols' 9 & 10, 66-67 & 1-6; fig's 4-5).

As per claim 24, Camillone further discloses wherein at least one of said accounting mechanisms is associated with at least two different access control list entries in said one or more of the plurality of access control list entries identifying accounting requests (abstract; col.1, 38-46; cols' 9 & 10, 66-67 & 1-6; fig's 4-5).

As per claims 26 and 28, Camillone further discloses wherein said means for identifying and updating the particular accounting mechanism of said accounting mechanisms corresponding to the particular item includes: means for performing a

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lookup operation in an associative memory based on the lookup value including the particular item to identify an associative memory result; and means for performing a lookup operation on an adjunct memory based on the associative memory result to identify the particular accounting mechanism of said accounting mechanisms (abstract; col.1, 38-46; cols' 9 & 10, 66-67 & 1-6; fig's 4-5).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Behrang Badii whose telephone number is 571-272-6879. The examiner can normally be reached on Monday-Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Any response to this action should be mailed to:

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

or faxed to (571)273-8300

Hand delivered responses should be brought to

United States Patent and Trademark Office
Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 3600 Customer Service Office whose telephone number is **(571) 272-3600**.

/BB/

/James P Trammell/

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Supervisory Patent Examiner, Art Unit 3694